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TUTBURY RURAL DISTRICT COUNCIL

ANNUAL REPORT

OF THE

Medical Officer of Health
for the Year 1946

BY

CHARLES NIXON SMITH

M.C., M.B., Ch.B., D.P.H.

A. E. JONES & SON, Printers, Burton.

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TUTBURY RURAL DISTRICT COUNCIL

Public Health Department,
 "Kingsley,"
 44 Rolleston Road,
 Burton-on-Trent.

To the Chairman and Members of the
 Tutbury Rural District Council

Mr. Chairman and Gentlemen,

I have the honour to present my annual report for
 the year 1946.

The general health of the district has been satisfactory.

Scarlet Fever has been more prevalent.

There was only one case of Diphtheria notified, and the diagnosis in that case was changed to tonsillitis after admission to hospital. It appears that the expenditure of time and money in carrying out immunisation is now paying a good dividend.

The Birth Rate and Death Rate are almost the same as those for England and Wales.

The infantile mortality Rate is considerably above that of England and Wales, a marked contrast from the previous year when the figure was below that for the Country as a whole.

I have the honour to be,

Your obedient Servant,

CHARLES NIXON SMITH
 Medical Officer of Health

PUBLIC HEALTH STAFF

Medical Officer of Health

CHARLES NIXON SMITH, M.C., M.B., Ch.B., D.P.H.
(who is also M.O.H. Rugeley Urban District
and Assistant County M.O.H.)

Sanitary Inspector

A. S. BROAD, Cert. R.S.I. (who is also the Surveyor)

Assistant Sanitary Inspector

W. W. WARREN

Temporary Housing Inspector

H. F. WRIGHT

Clerk

E. M. COTTON

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area in Acres	.....	31,708
Registrar General's estimate of Resident Population, Mid 1946	.....	13,740
Number of inhabited houses, end of 1946 according to Rate Books	.....	4,223
Rateable Value	.....	£80,280
Sum represented by a penny rate	.....	£333/11/8

VITAL STATISTICS

		Total	M	F.	Birth rate per 1,000
LIVE BIRTHS	Legitimate	253	113	140	} of estimated resid- ent population 19.8
	Illegitimate	19	11	8	
Total		272	124	148	

STILL BIRTHS	Legitimate	4	2	2	} Rate per 1,000 total births (live and still) 14.49
	Illegitimate	0	0	0	
					} Rate per 1,000 of estimated resident population, 0.29

DEATHS	161	91	70	} Death rate per 1000 of estimated resid- ent population 11.7
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FOR ENGLAND AND WALES—Birth Rate—19.1
Still Birth Rate 0.53
Death Rate—11.5

DEATHS FROM PUERPERAL CAUSES

Puerperal Sepsis Nil
Other Puerperal Causes Nil

DEATHS OF INFANTS UNDER ONE YEAR OF AGE

	Total	M.	F.
	18	8	10
Legitimate	14	6	8
Illegitimate	4	2	2

INFANTILE MORTALITY RATE—66

INFANTILE MORTALITY RATE FOR ENGLAND AND WALES

	43
Deaths from Cancer (all ages)	23
„ „ Measles (all ages)	Nil
„ „ Whooping Cough (all ages)	Nil
„ „ Diarrhoea (under 2 years of age)	1

SECTION C

SANITARY CIRCUMSTANCES OF THE AREA

WATER.

The greater part of the Rural District is supplied with water from the mains of the South Staffordshire Waterworks Co. No new sources of supply have been provided, but a scheme has been submitted to the County Council and the Ministry of Health under the Rural Water Supplies and Sewerage Act, 1944, to provide a public supply of water in the Parishes of Yoxall, Wychnor, Tatenhill, Dunstall, Barton under-Needwood, Hanbury, Anslow and Rolleston from the South Staffordshire Waterworks Co's. mains. The scheme has been approved by the Ministry of Health and tenders are being obtained for carrying out the work.

The township of Tutbury is supplied with water from the Rural District Council's own Scheme. The supplies in each case have been satisfactory both in quality and quantity during the year. The water at Tutbury is chlorinated as required by the Ministry of Health. Bacteriological examination and chemical analysis have been made of this water, and it was found that the Coli Aerogenes Content (presumptive Coli) was Nil per 100 ml. after 48 hours incubation at 37° cent. The Chemical Analysis showed the water to be organically of satisfactory quality, but very hard.

The hardness before boiling being—50.8°

The hardness after boiling being —28.5°

Temporary hardness —22.3°

The number of houses in the Rural District which are supplied with water from public mains is :—

PARISH	No. of houses supplied with water from public mains	Estimated population served by same
Anslow	55	214
Barton under Needwood	337	1345
Branston	479	1737
Dunstall	36	130

PARISH	No. of houses supplied with water from public mains	Estimated population served by same
Hanbury	73	291
Outwoods	560	1722
Rolleston	354	1055
Stretton	538	1511
Tatenhill	Nil	Nil
Tutbury	519	1815
Wychnor	1	6
Yoxall	Nil	Nil
Totals	2952	9826

DRAINAGE AND SEWERAGE.

No new sewers have been laid during the year, but Messrs. Willcox, Raikes & Marshall, Consulting Engineers are preparing schemes of sewerage and sewage disposal for the parishes of Yoxall, Tatenhill, Hanbury; Anslow, and a portion of Dunstall and Rolleston. A scheme has also been submitted to the Ministry of Health for the re-construction of the Rolleston Sewage Pumping plant. Alterations to this pumping station are long overdue, and should receive the earliest possible attention.

PUBLIC CLEANSING.

The domestic scavenging in the Parishes of Branston, Outwoods, Rolleston, Stretton and Tutbury is carried out by contract, and has not been altogether satisfactory for some time. I regret to have to state that the improvement which was shown during the latter part of 1945 has not been maintained in a progressive manner and I suggest that serious consideration should be given to the work being carried out by direct labour.

CLOSET ACCOMMODATION.

Twenty-one privies or pan closets have been abolished and water closets substituted by owners during the year.

SMOKE ABATEMENT.

There have been no cases of emission of excessive smoke during the year.

CAMPING SITES.

There are no recognised camping sites in the District.

SWIMMING BATHS.

The only swimming bath in the district is a privately owned one in the village of Rolleston-on-Dove. This appears to be well managed and supervised.

ERADICATION OF BED BUGS.

There have been no cases of infestation by bed bugs during the year. There have, however, been two cases of infestation by fleas, and in each case the premises were sprayed with "Zaldecide" (containing D.D.T.). This treatment appeared to be effective.

SECTION D

HOUSING

1. INSPECTION OF DWELLING-HOUSES DURING THE YEAR:—

- | | | | | | |
|-----|-----|---|-------|-------|------|
| (1) | (a) | Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) | ..... | ..... | 993 |
| | (b) | Number of inspections made for the purpose | ..... | ..... | 1106 |
| (2) | (a) | Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932 | | | Nil |
| | (b) | Number of inspections made for the purpose | ..... | ..... | Nil |
| (3) | | Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation | | | Nil |
| (4) | | Number of dwelling-houses (exclusive of those referred to in the preceding sub-head) found not to be in all respects reasonably fit for human habitation | | | 175 |

2. REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES:—

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	187
---	-----

HOUSING SURVEY.

It is estimated that approximately 2,500 houses in the district will have to be inspected in the course of the survey and classification as to fitness.

The Housing Inspector who was appointed in June, 1945, left your employment in September, 1946, and since that date the Housing Survey has been in abeyance. 800 houses were inspected and recorded to September making a total of 1629 since the Survey commenced. The situation with respect to repairs does not shew any sign of improvement.

SECTION E

INSPECTION AND SUPERVISION OF FOOD

MILK SUPPLY.

The cowsheds and dairies of the district have been inspected from the Sanitary Inspector's department

One producer-retailer of non designated milk was removed from the register after repeated bad samples and warnings re unsatisfactory conditions of cowsheds and dairy.

A quantity of tinned and other foods (including 16 $\frac{3}{4}$ lbs. of ham) was found to be defective, and was condemned as unfit for human food.

SECTION F

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES

INFECTIOUS DISEASES.

Scarlet Fever, of a mild type has been prevalent especially in the Parish of Branston.

There was no case of Diphtheria during the year.

IMMUNISATION AGAINST DIPHTHERIA.

Sessions have been held regularly at the five Infant Welfare Centres in the district, and sessions at Schools as required.

PRIMARY IMMUNISATIONS.

169 Children under 5 years of age were immunised.

25 Children of School age were immunised.

194 Total number of children immunised.

REINFORCING INJECTIONS.

582 School children were treated.

At December 31st, 1946, it was estimated that 72% of children up to 15 were immunised. This is a conservative figure as information of children treated privately does not reach me.

Disease	Total cases notified	Cases admitted to Hospital	Total Deaths
Scarlet Fever	41	34	Nil
Diphtheria	1 subsequently re-diagnosed as Tonsillitis		Nil
Erysipelas	1	Nil	Nil
Measles	61	Nil	Nil
Whooping Cough	40	Nil	Nil
Pneumonia	6	Nil	6
Puerperal Pyrexia	Nil	Nil	Nil
Cerebro Spinal Meningitis	Nil	Nil	Nil
Ophthalmia Neonatorum	4	Nil	Nil
Acute Polio Myelitis	1	1	1

ANALYSIS OF NOTIFIED CASES ACCORDING TO AGE

Disease	Under 1 year	AGE GROUPS										Over 65
		1	2	3	4	5	6 to 10	11 to 15	16 to 20	21 to 35	36 to 45	46 to 65
Scarlet Fever		2	2	2	3	4	11	10	3	4		
Erysipelas												1
Pneumonia			1	1			1	1				1
Measles	2	2	4	6	7	19	15	2		1	3	
Whooping Cough	5	2	6	6	7	6	8					

TUBERCULOSIS

Cases on Tuberculosis Register, 31st December, 1946

MALES		FEMALES		TOTAL
Respiratory	Non-Respiratory	Respiratory	Non-Respiratory	
36	19	15	7	77

The total figure of 77 cases is higher than that of the previous year.

New Cases and Mortality during 1946

AGE PERIODS		New Cases				Deaths			
		Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
		M.	F.	M.	F.	M.	F.	M.	F.
Under 1	.....	—	—	—	—	—	—	—	—
1—5	.....	—	—	—	—	—	—	—	—
6—15	.....	—	—	1	1	—	—	—	—
16—25	.....	2	—	—	—	—	—	—	—
26—35	.....	—	—	1	—	2	—	—	—
36—45	.....	1	—	—	—	1	—	—	—
46—55	.....	1	1	—	—	2	—	—	—
56—65	.....	—	—	—	—	—	—	—	—
Over 65	.....	—	—	—	—	1	—	—	—
Totals	.....	4	1	2	1	6	—	—	—

Of the new cases one male respiratory case was serving in H.M. Forces, and presumably contracted the disease during this service.

CANCER

Deaths from Cancer for Year ended 31st December, 1946

Sex	AGE GROUPS.								Total
	Under 26	26 to 35	36 to 45	46 to 55	56 to 65	66 to 75	76 to 85	Over 85	
M	2	—	—	2	4	3	—	1	12
F	—	—	1	1	4	3	1	2	12

Central Council for Health Education

During the year a course of lectures on "Sex and Personality" was arranged for the adolescents of Tutbury Parish.

The attendance was disappointing.

Causes of Death in Tutbury Rural District during the Year 1946

Causes of Death		Male	Female
ALL CAUSES		91	70
1.	Typhoid and paratyphoid Fevers	—	—
2.	Cerebro-spinal Fever ...	—	—
3.	Scarlet Fever ...	—	—
4.	Whooping Cough ...	—	—
5.	Diphtheria ...	—	—
6.	Tuberculosis of respiratory system	6	—
7.	Other forms of Tuberculosis	—	—
8.	Syphilitic diseases ...	—	—
9.	Influenza ...	1	1
10.	Measles ...	—	—
11.	Ac: polio-myel and polio-enceph.	1	—
12.	Ac: inf: enceph ...	1	—
13.	Cancer of buc: Cav: and œsoph: (M)		
	uterus (F)	2	3
14.	Cancer of stomach and duodenum	2	—
15.	Cancer of breast ...	—	1
16.	Cancer of all other sites ...	8	7
17.	Diabetes ...	—	—
18.	Intra-cranial vascular lesions	8	8
19.	Heart disease ...	26	21
20.	Other circulatory diseases ...	2	—
21.	Bronchitis ...	7	3
22.	Pneumonia ...	5	1
23.	Other respiratory diseases ...	1	1
24.	Ulcer: of stomach or duodenum	—	—
25.	Diarrhœa (under 2 years) ...	—	1
26.	Appendicitis ...	1	—
27.	Other digestive diseases ...	2	—
28.	Nephritis ...	4	2
29.	Puerperal and post-abortion: sepsis	—	—
30.	Other maternal causes ...	—	1
31.	Premature birth ...	5	4
32.	Con: mal: birth inj: infant diseases	—	5
33.	Suicide ...	—	1
34.	Road traffic acc: ...	1	—
35.	Other violent causes ...	2	1
36.	All other causes ...	6	9

Administration of the Factory and Workshop Act, 1901, and the Factories Act 1937 (which superseded the Act of 1901 on 1st July, 1938)

Factories, Workshops and Workplaces

1.—INSPECTIONS for purposes of provisions as to health Including Inspections made by Sanitary Inspectors

PREMISES	Number of		
	Inspections	Written Notices	Occupiers Prosecuted
FACTORIES with mechanical power	17	3	—
FACTORIES without mechanical power	3	—	—
OTHER PREMISES under the Act (including works of building and engineering construction but not including outworkers' premises)	—	—	—
TOTAL	20	3	—

2.—DEFECTS FOUND

PARTICULARS	Number of Defects ,			Number of defects in respect of which Prosecutions were instituted
	Found	Remedied	Referred to H.M. Inspector	
Want of cleanliness (S 1) ...	3	3		
Overcrowding (S 2) ...				
Unreasonable temperature (S 3) ...				
Inadequate ventilation (S 4) ...				
Ineffective drainage of floors (S 6) ...				
Sanitary Conveniences { insufficient unsuitable or defective (S 7) not separate for sexes	3	3		
Other offences ...				
TOTAL	6	6		

TUTBURY RURAL DISTRICT COUNCIL

Summary of work done in the Sanitary Inspector's Department during the Year 1946,
in the Rural District of Tutbury.

	Inspections	Defects found	Informal Notices by Inspector	Formal Notices by Authority	Nuisances abated after Notices by Inspector	Nuisances abated by Authority
Defective Floors	...	...	...	...	...	...
Dampness	12	12	10	—	12	—
Verminous Premises	28	28	26	—	28	—
Foul Conditions	—	—	—	—	—	—
Animals kept as a Nuisance	7	7	5	1	6	1
Structural Defects	3	3	3	—	3	—
Defective Sinks	72	78	39	—	73	—
Defective and choked drains	14	14	11	—	10	—
Water Supply	27	25	22	—	25	—
Privies converted to W.Cs.	33	32	18	—	27	—
Ashpits and Privies	31	27	19	6	15	6
Dairies, Cowsheds, and Milkshops	79	78	40	1	41	1
Bakehouses	41	19	20	—	15	—
	5	5	5	—	5	—
	352	328	218	8	260	8

Precautions against Infectious Diseases

Schools disinfected	...	1
Houses disinfected after Infectious Disease and Deaths, etc.	...	48
Samples of Water taken and found to be unfit	...	8
Samples of Water taken and found to be fit	...	1

A. S. BROAD, *Sanitary Inspector*

